

# User's Manual

# ***joape***

## *Angra*



High Quality Product  
***joape***

# USER'S MANUAL

**Congratulations on your purchase of a Joape Angra Cooling System!**

Your new misting fan will be a great addition to your home, business or work environment, and will keep you comfortable throughout the year. Under the proper conditions your Angra fan will provide a cooling "cloud" of up to 200 square feet.

Joape USA offers a variety of "Brazilian Cool" misting fans in Residential, Commercial and Industrial product lines in a range of colors and sizes.

Joape is a green technology company with over 20 years experience in the acclimatizing equipment industry in Brazil. Their focus is on the development of new technologies and products offering high quality solutions, while respecting and preserving the environment.

For your personal safety and to maximize the performance of your Joape Cooling Solution Fan, please read this User's Manual carefully before using your equipment. If you have any questions, please contact SouthBee Customer Assistance at (305) 713-4424 or by emailing [admin@southbee.com](mailto:admin@southbee.com) with your contact information.

**PLEASE READ & SAVE THIS USER'S MANUAL WITH INSTRUCTIONS.**

**"Green" Footnote: All of the packaging material is recyclable, please recycle.**

**Joape Indústria de Equipamentos Ambientais Ltda.**

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# IMPORTANT SAFETY INSTRUCTIONS



## WARNING

**To avoid risks, please observe the precautions mentioned below:**

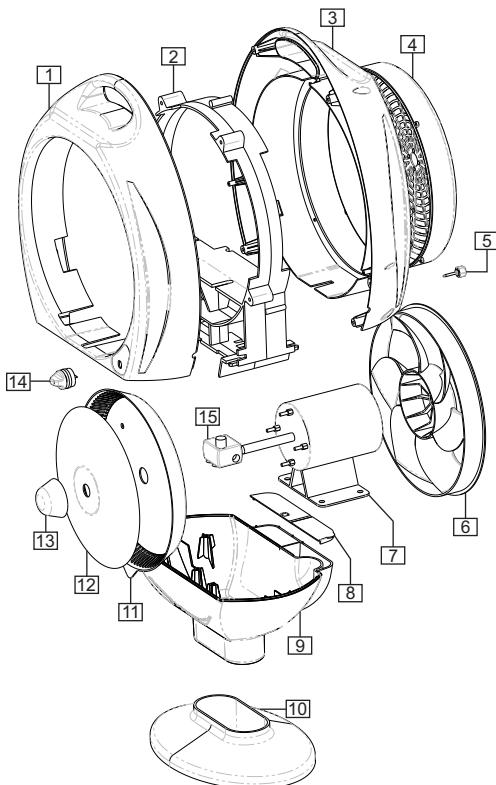
- Read all the instructions and the warranty terms before using your Joape Angra Cooling System.
- Joape Angra was designed for household or small environment use, it is not intended for large commercial or industrial use.
- Confirm the Joape Angra voltage of 110 volts corresponds to the local voltage(110v).
- Children should not be allowed to operate Joape Angra Cooling System.
- Do not leave children unattended within reach while the equipment is in use.
- Avoid any contact with moving parts, do not place objects on or in the fan.
- To avoid electrical shock, never connect or disconnect the plug with wet hands.
- Also to protect against electrical shock, do not immerse unit, plug or cord in water or spray with liquids.
- Never yank on the power cord to unplug the fan from the electrical outlet, to disconnect grip the plug and pull from the outlet.
- Always unplug fan when not in use, moving to a new location or when cleaning.
- Never add flammable liquids to the water reservoir.
- Do not place fan near an open flame, cooking or heating appliance.
- Evaporative systems demand the exchange of air, either operate the equipment with the AC is turned on or where there is air circulating
- Do not hang Joape Angra Cooling System on a wall or ceiling.
- Always place Joape Angra fan on a stable, level surface when operating, do not place on surface too small which could allow fan to tip or fall, causing damage to people or property.
- This fan has a polarized plug (one blade wider than the other), which is intended to fit into a polarized electrical outlet only one way.
- To prevent damage to the water pump do not leave fan running without water in the reservoir.

# Joape Junior Cooling System Benefits

- Reduces the temperature with its evaporative system
- Cleanses the air of dust particles
- Hydrates the air with atomized water
- Eliminates static electricity
- Dilutes concentration of organic solvents and ammonia
- Helps eliminating gases and odors
- Electricity savings due to its low electricity consumption
- Improves performance of air-conditioning units

## Components

- 1 - Frontal body
- 2 - Base of the engine
- 3 - Rear body
- 4 - Rear bar
- 5 - Mist valve
- 6 - Propeller
- 7 - Engine
- 8 - Reservoir cover
- 9 - Water Reservoir
- 10 - Base
- 11 - Collecting cap
- 12 - Disk
- 13 - Finishing cone
- 14 - On/Off button
- 15 - Water pump



## Technical Details

Air Flow: 21,188 cubic feet per hour

Noise Level: 60dB

Consumption: 74W/h

Voltage: 110V

Water Supply: 1 gallon internal Water Reservoir

Dimensions: (LxWxH) 9.5"x16.1"x23"

Weight: 14.1 lb

## Packaging List

- 1 Joape Angra Cooling System
- 1 User's Manual



## WARNING

If the electrical cord for power supply gets damaged, it can *ONLY* be replaced by the manufacturer or authorized agent.

For maintenance, contact customer service at: [admin@southbee.com](mailto:admin@southbee.com) or [www.southbee.com](http://www.southbee.com)



## IMPORTANT WARNINGS

- The centrifugal disk spins at 3,500 RPM, do not place your hand or any other object on it when the fan is operating.
- Be careful not to spill water on the electrical part of equipment.
- NEVER turn you equipment ON without water in the reservoir.
- Do not add untreated water to the water reservoir.
- Do not clean Joape Angra with harsh chemicals or abrasive products.
- ALWAYS remove the water from the reservoir to store your Joape Angra.
- Cleaning is essential for a proper performance of the equipment.

## Installation

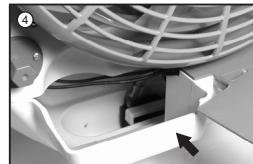
- 1 - Remove the equipment from the packaging. Make sure no packing materials are in the fan area.
- 2 - Place the equipment on a flat and clean surface at least 32" off the ground.
- 3 - Add up to one gallon of water to the reservoir (picture 1).
- 4 - Make sure the collecting cap drain tube is in place, draining into the water tank. (picture 2/item B)
- 5 - Connect the plug into a 110V electrical outlet.
- 6 - Turn the On/Off knob to the ON position (picture 2/item A).
- 7 - Use the mist adjustment knob (picture 3) to regulate the mist flow according to the environment needs.
- 8 - Note: when used indoors, the mist adjustment should be set on a very fine mist.



# Cleaning Instructions

In areas with hard water, it may be necessary to occasionally clean the pump. Also in areas with hardwater, at the end of the season or if not used for long periods, follow this recommended cleaning procedure:

- 1 - Disconnect the equipment from the electrical outlet
- 2 - Use liquid detergent and a brush to clean the equipment.
- 3 - When the equipment is not used for more than 7 days, the reservoir must be emptied, and cleaned, then run all water through once.
- 4 - In areas with hard water, it may be necessary to occasionally clean the submersible water pump inside the reservoir.



## Cleaning the Water Pump

- 1 - Remove the pump from the water reservoir (picture 4).
- 2 - Remove the frontal cover of the water inlet (picture 5/item "A").
- 3 - Remove the protective cover from the rotor (picture 5/item "B").
- 4 - Remove the propeller from the engine (picture 5/item "C").
- 5 - Clean all pump parts with water and neutral liquid soap.
- 6 - Rinse all parts and reassemble the pump.

# Troubleshooting

PROBLEM	PROBABLE CAUSE	SOLUTION
Joape Angra does not turn on	The On/Off button is not in ON position.	Turn the button to ON position. Make sure fan is plugged into live electrical outlet. Press reset button on GFCI plug.
Uneven Connection	No water in the water reservoir. The mist adjustment valve is closed. Defective/Dirty water pump.	Add water to the reservoir. Open the mist valve. Clean the water pump.
Dripping	Mist valve is excessively open for existing conditions. Dirt in the reservoir. Water return tube not in return hole. Dirt in the reservoir	Use the mist valve to reduce the mist. Perform the cleaning procedures
Leak at the tubing attachment, puddle forms	Uneven Connection	Check filter washer to make it's evenly connected in the cap, and reinstall. Make sure water return drain tube is in the return hole on the top of the reservoir.

# WARRANTY

The manufacturer guarantees Joape Angra against any manufacturing defects within the period of twelve months, from the date on the sales invoice.

## **Warranty Condition:**

Any defects must be immediately communicated to a U.S. Joape distributor, along with the original bill of sale or sales receipt.

## **Warranty will be deemed null and void when:**

- 1 - The serial number or the label with the product identification number has been removed or altered.
- 2 - The product was installed or used in nonconformity with the instructions in this user's guide.
- 3 - If the product was altered, changed or repaired by a anyone who is not accredited by Joape Ind. Equipamentos Ambientais.
- 4 - Defects caused by accidents or consumer's misuse of the product.

## **The warranty does not cover:**

- Expenses related to the consumer travel to obtain technical assistance.
- Expenses related to the installation of the product.
- Expenses related with the cleaning of the equipment.
- Scratches, marks, dents or damage to the products or parts due to transportation or handling accidents.
- Power failures or surges resulting from electrical power supply problems.
- Acts of nature

## **Remarks:**

Joape Ind. Equip. Ambientais, in the attempt to continuously improve its products, has the right to change general, technical and aesthetic characteristics of products without prior warning.

This warranty certificate is valid for all products sold by Joape's certified distributors and used in the US territory.

Keep the User's manual, and the Invoice handy, for future reference and warranty service requests, whenever necessary.